

### **K.2.2**

It's pizza time! On a piece of paper, draw a large pizza pie. Don't forget your favorite toppings! With your crayons, show how you would cut the pizza into enough slices for your family. Compare your slices to those of a partner. Are they alike? Carefully describe the shape of a slice to your partner.

### **K.2.3**

Design your own dollar bill! Draw your dollar bill on a piece of paper. Whose picture will you put in the center? Compare your dollar to that of your partner. Tell him about the shape of your bill. How are your dollars alike?

### **K.2.4**

Using only triangles and rectangles, design a rocket ship on your paper. Trade rocket ships with your partner. Count how many triangles and rectangles you see in his picture. Did you use the same number of each shape?

### **K.2.5**

Work with your partner. Stand somewhere in the classroom so that you are facing a wall but your partner is facing the other way. Tell your partner several things that you think are behind you in the room. Have him look to see if you are right. When you are done, switch places with your partner.

### **K.2.6**

We are going to do a test. Take turns with your partner, and roll the ball back and forth between you a few times. Watch the ball carefully as it rolls. Now, try to roll the block between you. Talk to your partner about what happens. Why do you think the objects behave so differently? What would be the best way to get the block to your partner? Why do most cups have a circle on the bottom but don't roll off the table?

### **K.2.7**

Materials: Small piece of modeling clay Think about the solids you investigated yesterday. Now, listen to the riddle and make this mystery solid with your clay: I am a solid that can roll. I don't have any corners. I have zero edges. Make me! When you are done, show the solid to your friend. Do your solids look alike?

### **K.2.8**

Materials: Small ball of clay for each student Make a sphere with your ball of clay. Change your ball to a cylinder. Change it to a cube. Change it to a cone. Put your cone next to your partner's. Partner A put your cone above partner B's.

### **K.2.9**

Materials: Small piece of paper, pencil, and ball of clay per student Draw one of the shapes that we have talked about most this week. Can you make a solid with your clay that has the shape you drew as one of its faces? Share your work with your partner when you are done.